

Oroville Facilities Relicensing FERC Project No. 2100 Study Plan Implementation Activities



Plenary Group Presentation
Oroville, California

April 23, 2002



Process Update

- Overall process
- Study plan implementation, coordination and the collaborative process

Objectives – (2002-2005)

- Consensus-backed draft license application and settlement agreement
- Recommended license terms and conditions tied to project impacts that accomplish agreed to resource objectives effectively and efficiently
- Increased knowledge about the project impacts
- Improved stakeholder relationships, for licensing and ongoing monitoring and implementation

Objectives – (2002-2003)

- Approve study plans
- Implement studies
- Clarify stakeholders' role in study plan implementation
- Build a process/framework for:
 - Negotiating PM&E resource measures
 - Developing year-2 study plans

Study Implementation

Objectives

- Get field work completed – high quality, on time
- Build shared understanding of findings, inform license application development
- Jointly address implementation issues that arise

Study Implementation Process

- Work Groups, Plenary are the vehicles for information on progress via a range of options
 - Periodic updates (meetings, reports)
 - Interim results reports
 - Touch points based on specific milestones
- Field work observation coordinated through Work Groups, respective Resource Area Managers
- Work Groups, Plenary are places to address issues that arise, concerns

Plenary – 2002 Plans

- Study plan approvals
- Modeling protocol
- Preparing for Year 2 Study Plans, PM&E Negotiations
 - Project operations
 - Resource objectives, studies, issues
 - Relicensing context
 - Year 2 Study Plans

Data Management

- Quality Assurance – assuring that studies are implemented in a quality manner
- Quality Control – maintaining consistent data across studies to assure compatibility
- Calibration – assuring that data collection is consistent within similar areas

Data Management

RESOURCE AREA WORK GROUPS

STUDY PLANS

Study Plan
Data
Set A

Study Plan
Data
Set B

Study Plan
Data
Set C

STUDY PLANS

Study Plan
Data
Set Y

Study Plan
Data
Set X

Study Plan
Data
Set Z

DATA QUALITY ASSURANCE/ COORDINATION

DATA QUALITY CONTROL



GATHER DATA/ CONDUCT FIELD STUDIES

DATA WAREHOUSE

Recreation/
Socio. Econ.

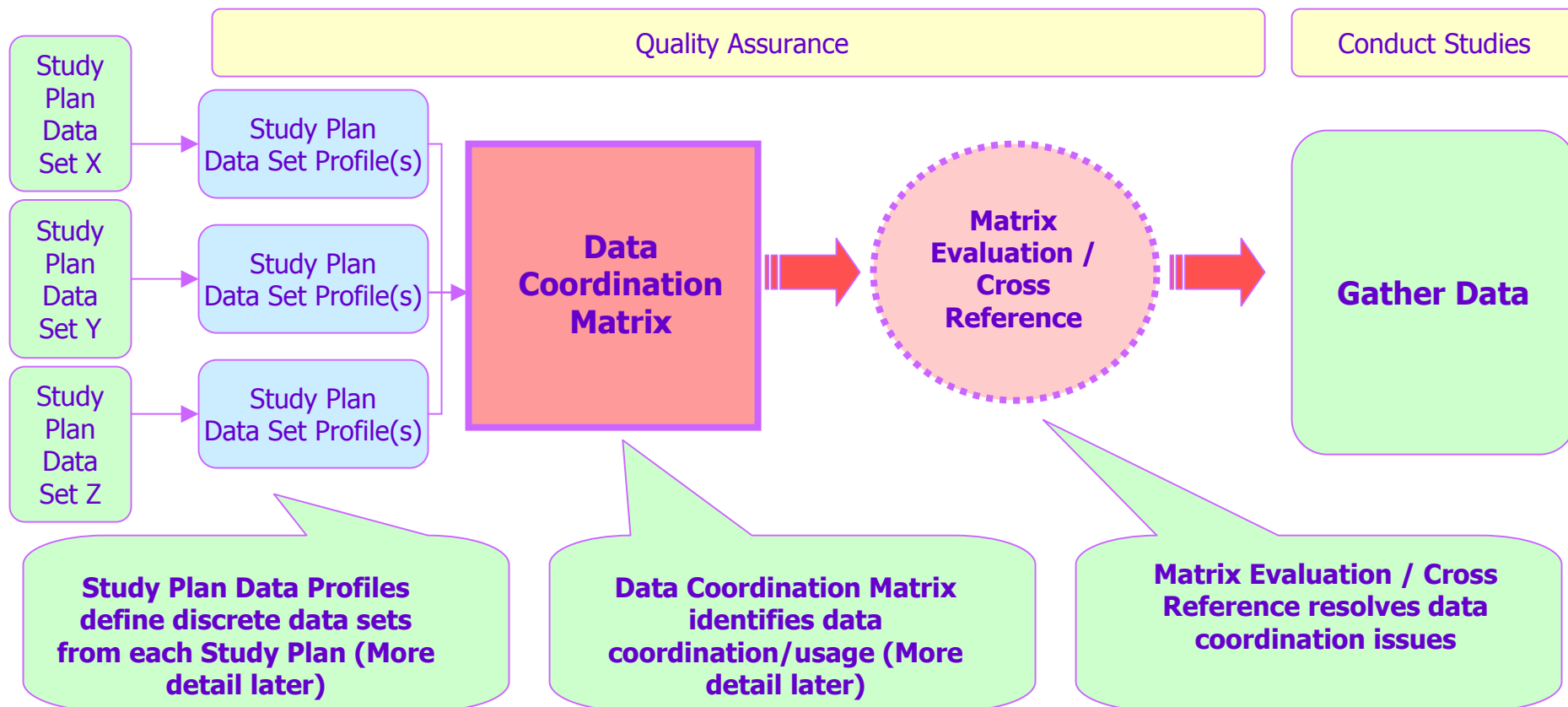
Environmental

Land Use,
Management
and
Aesthetics

Engineering
and
Operations

Cultural
Resources

Data Coordination and Evaluation Process



Study Plan Data Set(s) Profile Sheet

STUDY PLAN DATA PROFILE	
Study Plan	STUDY PLAN
	SP – Engineering and Operations 1.2b
Data Set	DATA SET
	E1.2b – Local Operations Model and central modeling database
Data Description	DATA DESCRIPTION
	Extract data from the Local Operations Model output files (central modeling database), perform required computations, and input back into the central modeling database: <ul style="list-style-type: none"> • Get boundary conditions from the central modeling database • Use utility programs to create input
Geographic Extent	GEOGRAPHIC EXTENT
	OVERALL: Oroville Dam and associated hydro electric facilities to be finalized by the work groups. SPECIFIC: Oroville Reservoir; Hyatt Powerhouse (Pump/Generator); Thermalito Forebay; Thermalito.
Sources	SOURCES
	Extract data from the central modeling database.
Frequency/Period	FREQUENCY / PERIOD
	STATIC DATA: Obtain data from the central modeling database when needed to run the models. DYNAMIC DATA:
Collection Method/Technique QA/QC (if applicable)	COLLECTION METHOD / TECHNIQUE
	Store all data in the central modeling database.
Attributes	QA/QC (AS APPLICABLE)
	Review of all data being transferred.
Data Format/Archive	ATTRIBUTES
	Modify data extracted from the central modeling database as required for input to the Local.
Coordination With Other Study Plan	DATA FORMAT / ARCHIVE
	Data will be taken from the central modeling database, inputted into the Local Operations Model.
	COORDINATION WITH OTHER STUDY PLANS
	FROM: SP-E1.2a TO: Other study plans that will require evaluation of temperature and impacts on Oroville releases.

Data Coordination Matrix

